



**Here is some information for the installation, and operation of our 737 style gauges.**

**Installation:**

The installation of each gauge is different, for two reasons. Firstly the manufacturers of the different panels use different sources, so the screw holes from one do not match with most of the other. This is a nightmare for manufacturers trying to build other hardware to integrate, and of course for the users who might wish to use products from different manufacturers.

So it's important before you order your gauges that you check that they will fit with your existing products. There is a PDF available showing the dimensions and hole placement for each gauge, free to download from our website.

The gauges are made with the screw holes matching the generally accepted location. So for example the flap gauge has two fixed (black) screws that **should not** be removed. The supplied pan head silver screws are the ones that you should use to mount you gauge. It can be mounted with or without the clear cover.

**Connection:**

There are two wires attached to each gauge (or three with a dual needle model). One of these is a dual red/black wire which is for the backlight, this requires a 5 volt supply.

**Red** is the positive +

**Black** is the negative -

If you inadvertently attach a higher voltage you will destroy the backlight completely, so please check your voltage before connecting.

The other three core wire is for the servo motor that drives the gauge needle. This needs to be attached to whatever interface board you are using for your sim. You'll find that the gauge is supplied with the needle already calibrated for a full sweep of the dial. Under normal circumstances the fine tuning would be done using your interface software, or in some cases using the software that runs your simulator system.

The servo cable is coloured Orange, Red, Brown;

**Orange** is the Signal

**Red** is the positive +

**Brown** is the negative –

The servo requires between 3 and 5 volts, once again any higher and you will **kill** the motor,

*I hope you are pleased with your gauges and have many years use out of it.  
Any questions please do not hesitate to contact me:*

*Regards*

*Jeremy Britton*

*GLB Flight Products*